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Archimedes

FORTRAN 77

RELEASE 2

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FORTRAN is a high-level programming language which is used in many scientific and mathematical applications. Acornsoft's FORTRAN 77 conforms to the standards defined by the American National Standard Programming Language FORTRAN X3.9 – 1978 (ANS FORTRAN) and offers several enhancements to standard FORTRAN 77. These include:

- WHILE loops
- block DO statements
- complex *16 data types
- FORTRAN 66 switch

Acornsoft's FORTRAN 77 compiles directly into machine code and contains a number of useful debugging features. These include:

- subscript checking
- run-time tracing
- source line numbers in trace-backs

This latest version of FORTRAN 77 for the Archimedes (release 2) includes the following enhancements:

- support for the Arthur Symbolic Debugger

  This source level debugger is available as part of the Software Developers Toolbox (stock code SKL58) from Acorn dealers
- routines to interface with the Arthur operating system OSWORD, OSBYTE and OSCLI
- help information for the command line interface.

SUITABLE FOR USE WITH:

Archimedes

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